



POTENTIAL HAZARDOUS WASTE SITE  
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION V	SITE NUMBER (to be assigned by HQ)
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NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME E. St. Louis / Swift Agri. Chem.		B. STREET (or other identifier) 2501 N. Kingshighway	
C. CITY E. St. Louis (Fairmont City)	D. STATE IL	E. ZIP CODE 52201	F. COUNTY NAME St. Claire
G. OWNER/OPERATOR (if known) Estech General Chemicals Corporation			H. TELEPHONE NUMBER 618-271-5650

H. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE ☐ 6. UNKNOWN

I. SITE DESCRIPTION

T. 2 N - R. 9 W. Section 4

J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.)

Eckhart Report and Illinois Air Pollution file

K. DATE IDENTIFIED  
(mo., day, & yr.)

L. PRINCIPAL STATE CONTACT

Illinois EPA

2. TELEPHONE NUMBER

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☐ 2. MEDIUM ☒ 3. LOW ☐ 4. NONE ☐ 5. UNKNOWN

US EPA RECORDS CENTER REGION 5



486266

B. RECOMMENDATION

☐ 1. NO ACTION NEEDED (no hazard)

☐ 2. IMMEDIATE SITE INSPECTION NEEDED  
a. TENTATIVELY SCHEDULED FOR:

☒ 3. SITE INSPECTION NEEDED  
a. TENTATIVELY SCHEDULED FOR:

b. WILL BE PERFORMED BY:

b. WILL BE PERFORMED BY:

DEPA

☐ 4. SITE INSPECTION NEEDED (low priority)

C. PREPARER INFORMATION

1. NAME  
Max D. Michael

2. TELEPHONE NUMBER  
312-663-7415

3. DATE (mo., day, & yr.)  
June 23, 1980

III. SITE INFORMATION

A. SITE STATUS

☒ 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if intermittently.)

☐ 2. INACTIVE (Those sites which no longer receive wastes.)

☐ 3. OTHER (specify):  
(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

☐ 1. NO

☒ 2. YES (specify generator's four-digit SIC Code):

C. AREA OF SITE (in acres)

10.33

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES

1. LATITUDE (deg.-min.-sec.)

2. LONGITUDE (deg.-min.-sec.)

E. ARE THERE BUILDINGS ON THE SITE?

☐ 1. NO

☒ 2. YES (specify):

## IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

X'	A. TRANSPORTER	X'	B. STORER	X'	C. TREATER	X'	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION		1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK	X	4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS. TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):	X	6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
			covered lagoon		7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

## E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

Waste Storage from the production of agricultural chemicals

## V. WASTE RELATED INFORMATION

## A. WASTE TYPE

☐ 1. UNKNOWN ☒ 2. LIQUID ☐ 3. SOLID ☐ 4. SLUDGE ☐ 5. GAS

## B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN ☒ 2. CORROSIVE ☐ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5. HIGHLY VOLATILE  
☐ 6. TOXIC ☐ 7. REACTIVE ☐ 8. INERT ☐ 9. FLAMMABLE

☒ 10. OTHER (specify): Basic: K<1, ammoniated phosphates, ammonium sulfate, water

## C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Unknown

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE		b. OIL		c. SOLVENTS		d. CHEMICALS		e. SOLIDS		f. OTHER	
AMOUNT		AMOUNT		AMOUNT		AMOUNT		AMOUNT		AMOUNT	
UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE	
X'	(1) PAINT, PIGMENTS	X'	(1) OILY WASTES	X'	(1) HALOGENATED SOLVENTS	X'	(1) ACIDS	X'	(1) FLYASH	X'	(1) LABORATORY PHARMACEUT.
	(2) METALS SLUDGES		(2) OTHER (specify):		(2) NON-HALOGENATED SOLVENTS		(2) PICKLING LIQUORS		(2) ASBESTOS		(2) HOSPITAL
	(3) POTW				(3) OTHER (specify):		(3) CAUSTICS		(3) MILLING/MINE TAILINGS		(3) RADIOACTIVE
	(4) ALUMINUM SLUDGE						(4) PESTICIDES		(4) FERROUS SMLTG. WASTES		(4) MUNICIPAL
	(5) OTHER (specify):						(5) DYES/INKS		(5) NON-FERROUS SMLTG. WASTES		(5) OTHER (specify):
							(6) CYANIDE		(6) OTHER (specify):		
							(7) PHENOLS				
							(8) HALOGENS				
							(9) PCB				
							(10) METALS				
							(11) OTHER (specify):				
							POTASH				
							PHOSPHATES				

Continued From Page 2

**V. WASTE RELATED INFORMATION (continued)**

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

Covered lagoon and 100,000 gallon storage tank contains mixture of potash (KCl), ammoniated phosphates, ammonium sulfate and water. pH 12

**VI. HAZARD DESCRIPTION**

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH		X	4/14/77	ammonia fumes irritating eyes, nose & throat of neighbor
3. NON-WORKER INJURY/EXPOSURE		X	4/14/77	exposure to ammonia fumes
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR		X	4/14/77	alleged ammonia fumes and white dust
12. NOTICEABLE ODORS		X	4/14/77	ammonia odor
13. CONTAMINATION OF SOIL				This situation apparently rectified by installation of new equipment September 30, 1971
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):				

## VII. PERMIT INFORMATION

## A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- ☐ 1. NPDES PERMIT    ☐ 2. SPCC PLAN    ☐ 3. STATE PERMIT (specify): \_\_\_\_\_  
☒ 4. AIR PERMITS    ☐ 5. LOCAL PERMIT    ☐ 6. RCRA TRANSPORTER  
☐ 7. RCRA STORER    ☐ 8. RCRA TREATER    ☐ 9. RCRA DISPOSER  
☐ 10. OTHER (specify): \_\_\_\_\_

#72100690

## B. IN COMPLIANCE?

- ☒ 1. YES    ☐ 2. NO    ☐ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name &amp; number): \_\_\_\_\_

## VIII. PAST REGULATORY ACTIONS

- ☒ A. NONE    ☐ B. YES (summarize below)

## IX. INSPECTION ACTIVITY (past or on-going)

- ☐ A. NONE    ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Field Investigation	11/20/79	DAPC	General compliance
Field Investigation	2/20/79	DAPC	General compliance
Meeting	2/27/80		Discuss Eckhart Report

## X. REMEDIAL ACTIVITY (past or on-going)

- ☒ A. NONE    ☐ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.



## ecology and environment, inc.

223 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60606, TEL. 312-663-9415

International Specialists in the Environmental Sciences

DATE: August 8, 1980  
TO: Joe Petrilli  
FROM: Rene Van Someren  
SUBJECT: Illinois/Eckhart Report  
East St. Louis/Swift Agri. Chem. 22 55

A Preliminary Assessment Form (USEPA Form T2070-2) has been completed for the subject site. This site was listed on the Illinois-Eckhart Report and has been researched pursuant to TDD# F5-8005-3.

In reviewing the Preliminary Assessment form and general background information, it was determined that the Illinois EPA is up-to-date and monitoring Swift Agri-Chem's air pollution activity. Therefore no additional action concerning Swift's air pollution is required.

An off-site reconnaissance including a meeting with plant officials and a subsequent on-site inspection while accompanied by Swift personnel is recommended to evaluate the covered lagoon on Swift's property. The lagoon is known to contain KCI, ammoniated phosphates, ammonium sulfate and water and to be covered with cinders. Boring logs of the general area indicate that the lagoon could possibly be in an area that could permit groundwater contamination.

The nature of the wastes and probability of groundwater pollution occurring indicate that the off-site reconnaissance and on-site inspection deserve a low priority rating.

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